



CROSSTALK

News Bulletin of the TRW Amateur Radio Club

Member, American Radio Relay League

MARCH 1985

** FD'71 ** FD'73 ** FD'75 ** FD'76 ** WAS ** WAC **

Garrett/W6TRW Repeater: 145.32/-600(2A-PL) — UHF: 442.000in/447.000out

CALENDAR FOR MARCH AND APRIL

Tuesday	Mar 26, noon	Club Meeting, RA/1041. Speaker will be R.C. "Smitty" Smith. Topic will be the F.C.C. Volunteer Examiner Program in Southern California.
Saturday	Mar 30, 8-11am	Swapmeet, Northwest corner of Compton/Marine and Aviation behind the Chevron station.
Tuesday	April 9, after work	Executive Board Meeting. All members are welcome!
Saturday	April 27, 8-11am	Swapmeet
Tuesday	April 30, noon	Club Meeting, RA/1041.

Tidbits from the Jolly Little S...

Bill Dews sent away to the local FCC office in Long Beach for some more 610 Forms. What he got back was a photocopy of one of the forms and was told to make copies from the one sent to him. Seems the office did not receive their full supply and have run out except for a precious one that they photocopy. So if you have an original you may not want to send it in but make a copy of it first before you renew or upgrade.

I helped participate in the checkout of the new KT34XA antenna and it was right where it was expected to be as far as SWR across the bands. Bob Hume, Bill Dews, Don Resor, Barry Allen and Dale Jensen were all there with a helping hand as we stuck it about 15 feet in the air on one of the Field Day tower sections. The antenna is back down but the tower section is still on the roof so that we can check out the Field Day Quad antennas after making adjustments to correct the high VSWR. Anyone interested in helping can contact me, my phone and mail station is on the back page under Crosstalk, Editor. By the way, Bob Hume won't say anything formally but he has been having antenna parties practically every month on the Saturday preceeding the General Club Meeting.

The South Bay ARC will be providing communications for the March of Dimes Walk America in the South Bay area on Sunday, April 28 starting at West High School. They will also provide communications for the Torrance Armed Forces 10K Run in May. If you would like to help you can call Scott, N6LEM, 530-2674 or Buddy, N6GKF, 714-826-3765 or Joe, WB6MYD, 328-1578 or just jump on their open repeater 224.38/.78. They'd love to have you on 220 MHz to p that band busy!

A tidbit from the W5YI Report is that Tony England, W0ORE, is ready for his flight aboard 51F "SpaceLab 2" and he will operate Owen Garriott's 2 Meter hand held and some 10 Meter Slow Scan ATV. Quoting Tony, "The ham equipment is in good shape. Radio contacts will consist mostly of schedules with school or amateur radio clubs."

Tony suggested that groups or individuals interested in contacting him should contact the ARRL since they are acting as his coordinator. "About two months before the launch, about the middle of May, I'll have a good flight plan and I'll work with the ARRL to see how to best fit everyone in." The flight is scheduled for July 9th.

Bill Welsh, W6DBB, of the Lockheed ARC is looking for volunteers to assist in providing communications for the "Special Olympics" to be held in Glendale on April 27. No number was given but you should be able to get help from the Lockheed ARC Bulletin Editor Ken Henke, KE5AR, at (818) 349-0937 or call the club number at (818) 842-1863.

If you haven't found it already, attached to this month's Crosstalk is one of the new W6TRW QSL cards all printed with the Club info. You may notice that the quality on some of the cards isn't too good and that is why they are attached to the newsletter as give-aways. Seems the TRW print shop pressed the cards together before they had dried and the printing had smeared onto the back of the adjacent card. So we have gotten new cards printed up at no expense to the Club and you get a freebie to get you interested in getting some cards of your own. If you are interested then call Mel Erb and he'll sell you some at \$6.00 for 200 cards.

The TRW/ARC and yours truly got a nice pat on the back from none other than ARRL Executive Vice President Dave Sumner, K1ZZ. Bill Dews, K6AWO, wrote a little note with his vote on whether the ARRL should push for giving more of the 40 Meter band to SSB, stating that he liked the QST editorials and this postcard survey. Dave sent Bill a note back which said, "I hope the W6TRW gang really gets behind the membership promotion and recruitment campaigns! If that fine newsletter is any indication, you have a good group that should certainly be attractive to newcomers." Thanks Dave, you really made my day!!



President Walt Pearson opened the meeting by announcing the winners of the ARRL January VHF Contest and gave away the prizes. First was Chris Wachs, 5280 points - Callbook; Second was Don Resor, 1232 points - Callbook; Third was Norm Stockwell, 269 points - Power Supply (in absentia); Fourth was Bill Dews, 200 points - Clock Mechanism. Prizes were donated by Mel Erb, K6GWC. Some of the new QSL cards were on display with W6TRW, N6JLS and W6DMV callsign stickers applied. The cards can be obtained by TRW/ARC members only at a price of \$.03 per card, 200 cards minimum. If 200 cards are too many for you, you might find another member that only wants a few cards to and work out a deal between yourselves. Joe O'Brien introduced the speaker for the meeting, Chuck Lobb, KN6H, with Hughes. He is active in the LAACARC and gave an excellent slide presentation on Amateur Radio involvement in the '84 Olympics. Chuck gave detailed accounts of the Marathon and Archery events with ham radio locations and explanations of the ham activities. Thank you Chuck for the informative show and the sharp color pictures! The door prizes were: a DVM users booklet, 2 AC outlet boxes, 2 soldering irons, 2 VOM's and a logic probe. K26V had two tickets drawn but apparently left early - sorry, but you must be there to claim your prize. The Swapmeet Raffle \$10.00 went to Chris Wachs, W2KDL. Walt closed the meeting at 1300 local time. Of the 25 people present at the meeting, only 22 signed the attendance sheet. Please let us know that you were at the meeting - find the sheet and sign it!

NEW MEMBERS -- OLD MEMBERS

It is with great sadness that we report that Dave Gilmore, WB6IDJ, is a silent key. Dave had recently spent some time in the hospital and seemed on the road to recovery when he was quickly taken from us. Dave supported the TRW/ARC as Emergency Communications Coordinator since the installation of the W6TRW repeater. Dave's soft-spoken presence on the repeater will be greatly missed.

The Stockwells have finally been displaced as the number one Ham family in the club. A nice letter came from Jim Buskirk, N6HJP, along with the membership application and included as Family members were his son Stephen, KF6CV, his two brothers, Carleton, KA2WHU, and Joel, KA2WHV, and Jim's 72 year old mother, Mary, N2FIW, who just recently got her General Class license! Congratulations Mary and welcome to the Club all of you!

Also welcome to the Club Barry Allen, WA4TTG, who did a fine job of helping out Bob Hume on 40 CW during last year's Field Day and Matt Orlich, WA6AJC, who is heavily involved with RACES as Operations Officer for Area G out of the Lennox Sheriff's Station. Welcome aboard both of you and hope to see you at the next meeting!

ATTENTION -

First and Second Class Radiotelephone Licensees

The present First and Second Class Radiotelephone licenses will not be renewed by the FCC when they expire! However, this year only, a Lifetime License may be obtained FREE by current license holders by sending a self-addressed, stamped envelope to your local FCC office, with your license number and "Lifetime License" written on the outside. If you have an endorsement, such as for ship radar, a photocopy of your license must accompany your request. There will be NO formal FCC notice of this offer. This information was obtained verbally from an FCC representative at the 6 March 1985 meeting of the Southern California Marine Radio Council and is published for the benefit of the Amateur Radio Community by the TRW Amateur Radio Club.

Attending were Jim Cox, Bill Daley, Bill Dews, Paul Herbert, Bob Hume, Dale Jensen, John Keller, Gary Komatsu, Paul Lukas, Joe O'Brien, Jack Orr, Walt Pearson, Don Resor III, Jim Wike and Paul Wisiolek. The meeting was called to order at 1731 local time by Walt Pearson, President. Bill Daley, K6BO, LAACARC Representative gave an accounting of the LAACARC as of the March 5, 1985 meeting. The LAACARC has suggested that each club be prepared to give a 5 minute talk on different facets of Amateur Radio at the upcoming HamCon. He also pointed out the necessity for preparedness in case of an earthquake. Bill brought with him a stack of HamCon flyers. Letters from WJCK and Jay Holladay were handed over to Walt along with a copy of the LAACARC Delegate Handbook, listing info on license examinations, emergency frequencies, etc. Joe O'Brien reported that the next speaker for the General Club meeting (Tuesday, March 26, Noon, R4/1041) will be "Smitty" Smith of Hughes who will talk about the Volunteer Examiner program. Paul Herbert, K66CR, gave the financial report for the Club. Paul stated that the new tower for the Club station is in the budget if the cost remains less than \$1000.00. Jim Wike, W6GPE, reported that 16 people had signed up for the March 15 St. Patrick's Day celebration. The Club has allocated \$50 to cover the pizza discounts and the refreshments. Gary Komatsu, K6HPD, expressed his concern about obtaining power cables for the coming Field Day. We need three 100ft extension cords (#10 or #12 conductors) to supply power to the radios. Past experience shows that borrowed cables invite trouble. The estimated cost for the cables is \$300.00. No decision was made at this time for cable purchase. Bob Hume, K66B, reported on the Club antenna situation. The KT34XA has checked out OK, an antenna party is scheduled for Saturday which will work on the 40M Quad antenna. Inspection by an engineer of the roof structure raised objection regarding putting up the 47 foot tower on the roof and we only need to wait for an official OK. A steel base plate is needed, cost \$60.00. New guy wires will also be installed. A discussion followed on the Field Day preparations. Budget of \$250 is allocated for Field Day. Gary reported that HamCon reservations are coming in fast, with over 200 already received. He will contact radio manufacturers concerning door prizes. Walt reported that he will fill in as Emergency Communications Coordinator since Dave Gilmore has passed away. Walt also stated that he is looking for someone to fill that Staff position in the Club. Bill Dews, K6AWO, reported that the Club has 131 paid up members (145 on roster). Bill requested money to purchase a battery pack for one of the 4 Icom HT's that seems to have a bad cell. John Keller, N6JLS, has revised the Club Constitution and By-Laws (minor changes). Bill Dews voiced his concern of training new Club Officers before the present ones vacate their seat. Don Resor III, N6KAW, reported that too many commercial sellers show up at the Swapmeet. Plans are in the making to prevent such dealers from coming to our Swapmeet - including turning them away at the gates. Jim Cox, K7JAJ, reported that the W6NWP repeater repair is almost finished, with the courtesy tone the only feature to add. He agreed to coordinate a Repeater Committee meeting in the near future. Gary stated that the 450 MHz remote base system is functional and only awaiting an antenna installation in Bldg 65 to make it operational. The meeting was adjourned at 1919 local time.

A middle aged friend whose doctor had just been warning him against the dangers of overeating said he got a nasty scare when he bent over, felt a sharp pain in his forehead, and suddenly everything went black. Straightening up, he realized that as he reached deep into the refrigerator for the cheese, his head pushed the button that turns off the light when the door closes. The ways in which we are given warnings are many and wonderful.

Thanks, the LERC Bulletin

WANTED - - Volunteer Examiners

Paul Wisiolek, K1TKL, is looking for Extra Class Amateurs to serve as Volunteer Examiners. If he can get about 10 or 12 people then you would only have to work once every three months. Paul has acquired the Rancho Palos Verdes City Hall for holding the examinations (three board members are hams). If you are interested please drop Paul a note or a QSL card. His address is:

Paul Wisiolek, K1TKL
1911 Grant Avenue, #2
Redondo Beach, CA 90278

(Editors note: This was run last month and got NO response from any of the Extra Class TRW/ARC members! So what's up guy's? Also, the place of examinations is being provided by Peter Von Hagen, WA6HXM. Thanks Pete!)

The Low-Band DXer's Pledge of Allegiance

Mike Crabtree, ABOX

If you want to be a low-band DXer, place your left hand on your Alpha, raise your right hand and repeat after me:

I, (insert your call), pledge allegiance solely to the low-bands, forsaking all other frequencies in my never-ending quest for DX, with full knowledge that I will forfeit all aspects of a normal life. Therefore, I will forsake any sort of family life, regular sleeping hours, a normal sex life, and all other recreational activities or commitments that might interfere with low-band DXing.

I also pledge to fill my backyard with as many wire, vertical and listening antennas as possible.

I accept the burden of never having enough radials in the ground, and I am fully aware that I will be perpetually burying wire in my yard as long as I am physically able.

I promise to disavow all guilt or wrongdoing when TVI complaints are received from irate neighbors.

I further pledge to endanger my job on a regular basis as a result of countless hours of lost sleep spent tuning the low-bands in the middle of the night.

Lastly, I pledge to spend the rest of my amateur life listening to static and QRM, and calling stations I can't hear!

Thanks, World Radio

February Swapmeet Notes

Don Resor III, N6KAW

And here you have it folks, what you've been waiting for, the report of the fabulous and magnificent W6TRW Swapmeet.

Things were really active at the Swapmeet this month so early in the morning. At 5:00 am there was a stir from the sound of hand-helds and the beams of flashlights as buyers were anxiously grabbing all the good deals possible. Funny, I always thought the Swapmeet hours were from 8:00AM TO 11:00AM. Oh well, I guess this is what you call progress!

By 8:00 am the parking lot was filled. Isn't that miraculous. Wonders never cease to amaze me, Hi Hi. The lot could have practically burst at the seams. But I don't mind and hope no one else does. Amateur Radio is a fraternity. This is proved by the continued growth of the Swapmeet which is a gathering of enjoyment and interest in which Amateurs can get together and exchange conversation, meet new Amateurs, show off new toys, and just basically have a good time. The Swapmeet has been a great thing for several years. It would be a shame to lose it. All of the things I have previously mentioned and many more will be just things of the past. So let's all keep it going strong, for at least 10 years more!

This month I was ably assisted by Bob Wartburg, KOLLO, Chris Wachs, WA2KDL, and Barry Allen, WA4ITG. All three of you did an excellent job in helping out. I couldn't do it without your help.

This month's official winner of the W6TRW Swapmeet Raffle was Chris Wachs, WA2KDL. Chris will be receiving a check for \$10.00 to be spent on a purchase at the Swapmeet. If there are still a few of you that don't know about the raffle then here is all you have to do. First, you have to find me. Secondly you must show that you have on your person your W6TRW hat, your W6TRW badge, your W6TRW membership card (current please) or any other articles of clothing that bear in some way the W6TRW Amateur Radio Club. For each article you have a raffle ticket will be issued to you. Limit is three tickets per member.

So this makes the conclusion of another adventure in the W6TRW Amateur Radio Club Swapmeet. 73' to everyone out in radio land. See you next month.

Boredom is the act of being absent while present.

YOUR HELP IS NEEDED

Jay Holladay, W6EJJ

On January 3, Senator Barry Goldwater, K7UGA, introduced two resolutions which would request the FCC to declare limited Federal preemption over antennas. One resolution deals with home satellite dishes, and the other (Senate Resolution 36), if adopted, will declare the sense of the U.S. Senate that the FCC should affirm that state and local regulations must not unreasonably restrict communications from Amateur Radio stations. Passage of this resolution would send a clear message to the FCC that favorable action on PRB-1 (the ARRL's request for Federal preemption of restrictive local antenna ordinances) would be looked upon with favor by the U.S. Senate.

In order to achieve passage of Senate Resolution 36, your help is needed. Please take the time to contact both of our California Senators, Pete Wilson and Alan Cranston, and urge a YES vote on Senate Resolution 36. A short letter in your own words, or even a QSL card with a note requesting passage will help. The most effective letters will be those giving details of an Amateur's struggle with local authorities before an antenna could be put up and those where an Amateur was prevented from putting up any effective antenna. You should make it clear in your letter that Amateur's recognize the right of local authorities to regulate the safety of structures and that they recognize special situations, such as historic districts, where Amateur Radio antennas may be restricted.

Even if you have time for only a brief note, please do it now! Passage of this resolution, and positive FCC action on PRB-1, could determine the outcome of three vital antenna cases now pending in different districts of the U.S. Court of Appeals.

Your help is needed!

Addresses:

Honorable Pete Wilson
720 Hart Office Building
Washington, D.C. 20510

Honorable Alan Cranston
112 Hart Office Building
Washington, D.C. 20510

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Coin collecting is a hobby derived from a desire for change.

The man who can smile when things go wrong, has thought of someone he can blame it on.

St. Patrick's Day Report

A fine time was had by all as the TRW/ARC gathered at the famous Irish restaurant O'Shakeys for that famous Irish delicacy "o'pizza." Heading the list of notables attending was Activities Manager Jim O'Wike and his wife Luella and his wife's parents and aunt. Club President Walt O'Pearson and his wife Gertie and Secretary Paul O'Lukas and wife Helen rounded out the Executive Committee members attending. Club Staff members seen at the bash were Bob O'Hume and Bill O'Dews, as well as John and Karen O'Keller, and Gary and Sammi O'Komatsu. The festivities were gladdened by the presence of Connie and Phyllis O'Gilmore, Jack and Mareta O'Orr, Joe O'Dietrich, Jim McWilliams (a true Irishman), Pat O'Dobbins and Gary O'Cooper. With the refreshments supplied by the Club, there was no trouble finding a dry throat that didn't need some wetting, so the pitchers of ale could barely hit the table before they were gone. The fragrance of the cooking "o'pizza" filled the meeting hall and encouraged all to partake in this traditional Irish meal, with discounts available depending on the size of your appetite. Notably absent from the festivities was Bill O'Schrecengost, off losing his wages in Las Vegas, Bob O'Lace, who was impressing the wife, daughter and daughter's boy friend with his new Mercedes and dinner at the Velvet Turtle, and Stan O'Johnson who had a previous engagement with his wife and no further details will be given here. For a while it looked as if the YF's and YL's would outnumber the members but as the evening went on the numbers worked out to about even. So, now if you missed this one you'll surely want to put next year's on your calendar now for a rousing good time you'll have to be sure!

Turkey's First Amateur

An item of great interest to all DX'ers was recently received by Worldradio. Dr. Unal Akbal, TA1A (ex TA1UA) received his license and call sign from the Ministry of Transport and Telecommunications of 30 January 1985. Dr. Akbal says he is the first licensed radio amateur of Turkey. TA1A's operation schedule is as follows: 14.025 +10 kHz ar 21.025 + 10 kHz (CW) and 14.195 +10 kHz a 21.250 +10kHz (SSB). He'll be on the air Saturdays and Sundays. No times were given. Perhaps this is an indication that Amateur Radio is becoming legal in Turkey.

What's new in the March issue of:

QST: A 1/4KW 23 cm Amplifier
(using 7284/2C39)
Field Strength Meters
Review of Heath SA-2500 Antenna Tuner

73: TVRO Trivia (experience of W6SMI)
The Incredible Digiohm
(0 - 10Meg in 1 ohm steps)
Speech! Speech!
(talking repeater controller)
Hints & Kinks:
a 3 W output meter for HT's
Tech Correspondence:
How does a Transmatch work?

HR: Radio Astronomy & the search for Ex-
traterrestrial Intelligence
Designing Low Voltage Power Supplies

QQ: has not arrived as of 3/11

We have also received the Satellite Journal
(Jan-Feb '85) by AMSAT; Icom and Kenwood
Newsletters for Feb.; World Radio for March.
These are available in the shack for sign
out (please limit to 1 week).
Notices were sent out to those readers who
have been keeping the periodicals for more
than 6 months. They were asked to make
copies of their favorite articles and return
the magazines to me for check-in.

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Sometimes we never know how level-headed a
man can be until he starts losing his hair.

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ARRL Group Insurance

If you are a member of the ARRL you are
eligible for the special "All-Risk" Ham
Radio Equipment Insurance Program. If you
want information on this no deductible in-
surance all you need to do is send your name
and address to:

Albert H. Wohlers & Co., Administrator
ARRL GROUP INSURANCE PLANS
1500 Higgins Road
Park Ridge, Illinois 60068

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Wisdom is the art of knowing what to
overlook.

Breathes there a ham with rig so dead,
Who never to himself has said
"Fear Not! I know wherein my troubles lie.
It's gotta be in my power supply!"
For soldering, and fearlessly,
astride a stool,
He digs into the villains innards
Forsaking breakfast, lunch and dinner.
No timid soul,
our brave ingenious repair-or,
He soon has parts strewn from door to door;
Now, patiently replacing one by one,
Until at dawn the job is done.
What's this?!

With switches thrown there comes,
No rectifier's glow? No transformer's hum?!
"A fie on thee!"

O ours'd contrivance of a human's toils!
In silent mockery all efforts despoils.
In dark despair our ham he up and says,
"That's it! I'm through! No more! I quit!
I've had enough! That's all I'm gonna do!
Who wants to buy a power supply?

I'll sell it real cheap!
I ought to throw the darn thing out,
so I can get some sleep!"
Now enters patient XYL,
with coffee pot a 'bubble.
Though mystified, in sympathy,
she listens to his trouble.
Says she, "About such things as this,
I'm ignorant as sin,
But don't you think it's really best,
to plug the darn thing in?

Thank You to the Lockheed ARC Bulletin

Forgetting is the art of not remembering to
remember.

LICENSING CLASSES

This information comes to us from the Los
Angeles Area Council of Amateur Radio Clubs.

Palos Verdes ARC
Rancho Palos Verdes Park
30359 Hawthorne Blvd
Rancho Palos Verdes, CA. 90274
Wednesdays, 7:00 PM
Contact the park at (213) 377-2290
or (213) 541-4566

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